The following were developed by Phyllis Richardson, Vista - Land O'Lake Inc., RR 2, Webster City, Iowa 50595, United States; Robert R. Kalton, Peterson Seed Company, Inc., P.O. Box 346, Savage, Minnesota 55378, United States. Received 1996.

PI 593888. Dactylis glomerata L.
Cultivar. "DUKE"; Exp. No. DS8. CV-14; PVP 9600180. Pedigree - Narrow based, 7-clone synthetic derived from the following germplasm: PI 315425 (3 clones), PI 325302 (2 clones), and Jackson (2 clones). These two PI's were introduced from Russia in the late 1960's. Unique variety in that it combines medium maturity, a high level of winter hardiness and rust and leaf blight resistance, improved forage quality and equal forage and seed yielding ability with proper management compared with the preponderance of early-maturing (blooming) varieties and the few medium or late maturing varieties available in the USA. Averages 4-6 days later than Benchmark, Justus, Potomac in Iowa and 10-12 days later in Oregon and survives much better than these varieties under severe winter kill conditions. Resistance very good to stem rust (Puccinia graminis), crown rust (P. coronata), leaf rust (P. rubigo-vera), leaf streak (Scolecotrichum graminis) and scald (Rhynchosporium orthosporium).

The following were developed by Gilbert Stallknecht, Montana State University, Central Agric. Research Center, HC 90, Box 20, Moccasin, Montana 59462, United States; Wendell Morrill, Montana State University, Dept. of Entomology, Bozeman, Montana 59717, United States; G.D. Kushnak, Montana State University, Western Triangle Agric. Research Center, P.O. Box 1474, Conrad, Montana 59425, United States; Phil L. Bruckner, Montana State University, Dept of Plant, Soil & Environmental Sciences, Leon Johnson Hall, Bozeman, Montana 59717-0312, United States; E.A. Hockett, USDA, ARS, Montana State University, Plant and Soil Science Department, Bozeman, Montana 59717, United States; G.R. Carlson, Montana State University, Northern Agric. Research Center, Havre, Montana 59501, United States; J.L. Eckhoff, Montana State University, Eastern Agric. Research Center, Sidney, Montana 59270, United States; D.W. Wichman, Montana State University, Central Agric. Research Center, Moccasin, Montana 59462, United States; H.F. Bowman, Montana State University, Dept. of Plant, Soil & Environmental Sciences, Bozeman, Montana 59717, United States; R.N. Stougaard, Northwestern Agric. Res. Ctr., Kalispell, Montana 59901, United States; J.E. Berg, Montana State University, Dept. of Plant, Soil & Environmental Sciences, Bozeman, Montana 59717, United States; K.A. Tilley, Kansas State University, Dept. of Grain Science & Industry, Manhattan, Kansas 66506, United States. Received 03/07/1996.

PI 593889. Triticum aestivum L., nom. cons.
Cultivar. Pureline. "RAMPART"; MT592042. CV-845. Pedigree - Lew/Tiber//Redwin. Solid-stemmed, medium-maturity hard red winter with tolerance to feeding and cutting damage of the wheat stem sawfly (Cephus cinctus). Medium yield potential, intermediate height, and intermediate lodging resistance. Winterhardiness marginal for Montana. Red chaff and resistant to prevalent races of Puccinia graminis, but susceptible to Diuraphis noxia and Tilletia controversa. Coleoptile length very long. Grain volume weight, protein content, and milling and baking characteristics acceptable for high-quality bread flour production.